

IDEA-3258/66

Copy 27/5

6 July 1966

25X1A
Dear

During my recent visit at your facility, I believe Herb, Rod, and I satisfactorily resolved the method by which instrumentation for the simulator and POP test efforts will be applied to the W-80C. This effort is basically divided into the following tasks:

a. Design of pads required for interface of video preamps and GFE amplifier part no. 361233-0100.

b. Design of isolation amplifier and zener regulator for pulse circuits. The instrumented circuits include: common amplifier output, upper limit switch output and number one (1) bar output. Each of these isolation amplifiers shall be identical and no attention shall be given to the polarity of their outputs. The outputs of the amplifiers shall reproduce the pulses' time characteristics and the output shall swing between zero (0) volts and twenty-four (24) volts (approximately). Attention should be given to the length and type of line between these amplifiers and the instrumentation recorder. POP test lines are probably worst case. The input impedance to the recorder is in the order of 3,000 ohms and is "single ended."

c. Thermal evaluation of these interfaces as they may effect the basic W-80C.

d. Fabrication of a quantity of five (5) pads described in item a. These may be fabricated on a common board or on a multiplicity of boards whichever is appropriate.

IDEA-3258/66

Page 2

e. Fabrication of a quantity of three (3) units covered in paragraph b.

f. Installation of assemblies covered in paragraphs d. and e. into the pod.

g. Checkout of installation on a minimum basis.

Since the above described effort is to be carried out on the T&M contract (field support), authorization of the above tasks is required. I, during my recent visit, verbally authorized the task described in paragraph a. It is my understanding that Ed has performed a certain amount of the effort described in paragraph c. To that end, I will formally authorize sixteen (16) hours for the accomplishment of the provisions of paragraph a. and eight (8) hours for the effort associated with paragraph c. The above efforts are accountable under Task Order I-103.

During a discussion with Rod concerning the described activities, I requested a ROM cost on the remainder of the activities. In particular, these activities covered by paragraphs b., d., e., and f. At this time, I have not received a telecon on the matter.

Yours truly,

SIGNED

[Redacted Signature Box]

25X1

Distribution:

Cy 1 - [Redacted]
2 - [Redacted]
3 - ASD [Redacted]
4 - ASD Chrono.
5 - OSA Reg.
ASD/OEL:CC [Redacted]

25X1A
25X1A
25X1A

25X1A